



Origami Triangle Ball

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TOOLS:

- [Scissors \(1\)](#)



PARTS:

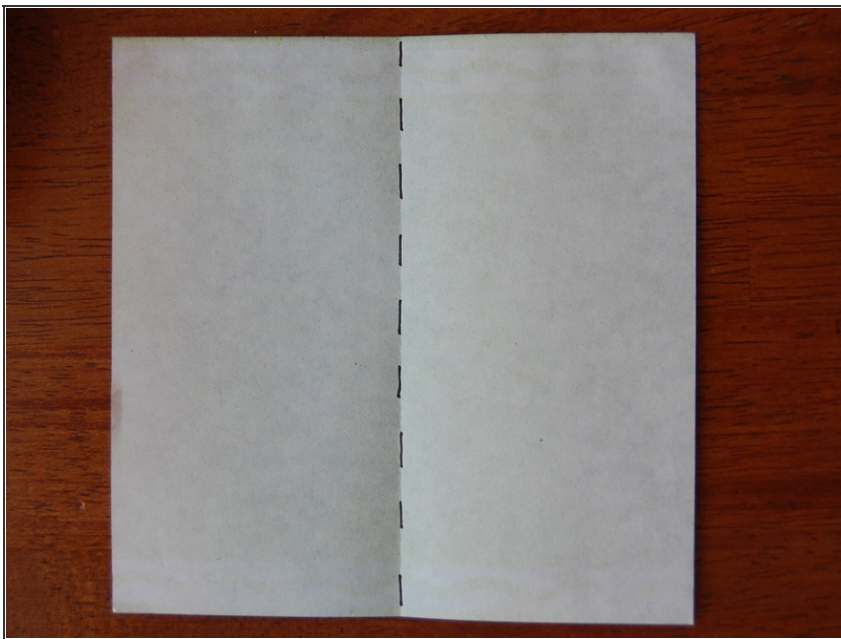
- [Origami Paper \(40 pieces\)](#)

Step 1 — Origami Triangle Ball



- You need 40 pieces of square origami paper.
- In the next step I will show you how to make a Triangle out of a Square. :)

Step 2 — How to make a Triangle out of a Square.



- Start with a square piece of origami paper
- Fold in half. Then unfold. (Picture #1)

Step 3



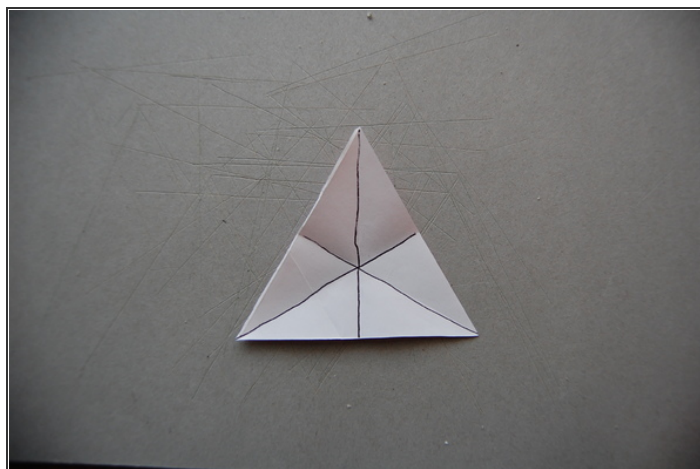
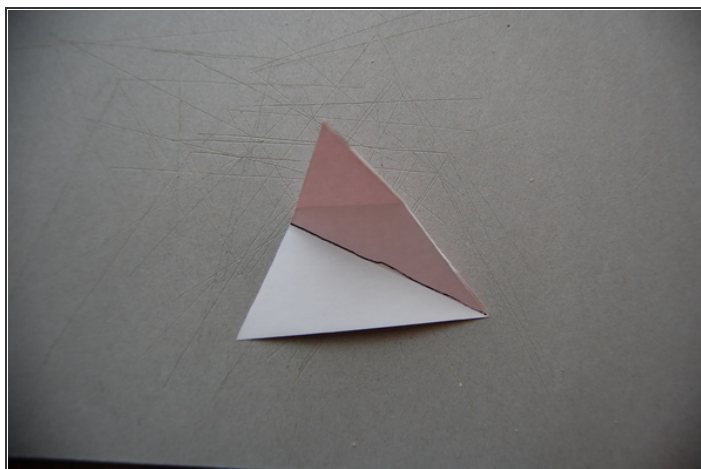
- Fold the upper left corner to the first crease with the new crease starting at the lower left corner. (Picture #1)
- Turn over and repeat step 1. (Picture #2)
- The equilateral triangle is complete. Cut out along creases. (Picture #3)

Step 4



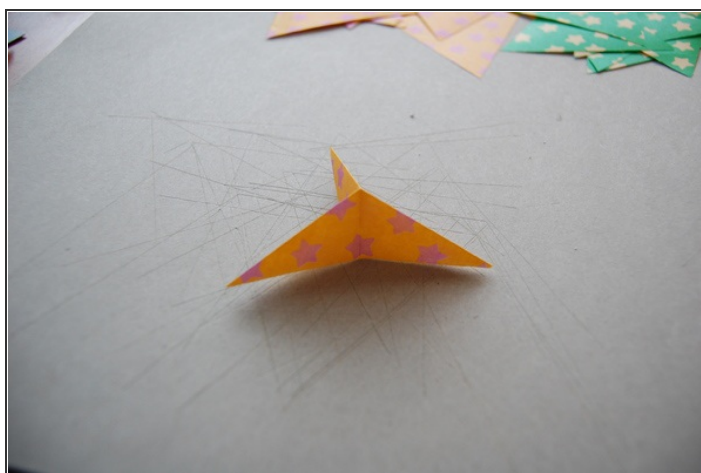
- I decided to cut a template piece out of cardboard. (Picture #1)
- Instead of folding each piece, I traced the triangle and used an X-Acto knife to cut them out of the paper.
- You need to cut 40 triangles.

Step 5 — Fold your triangles



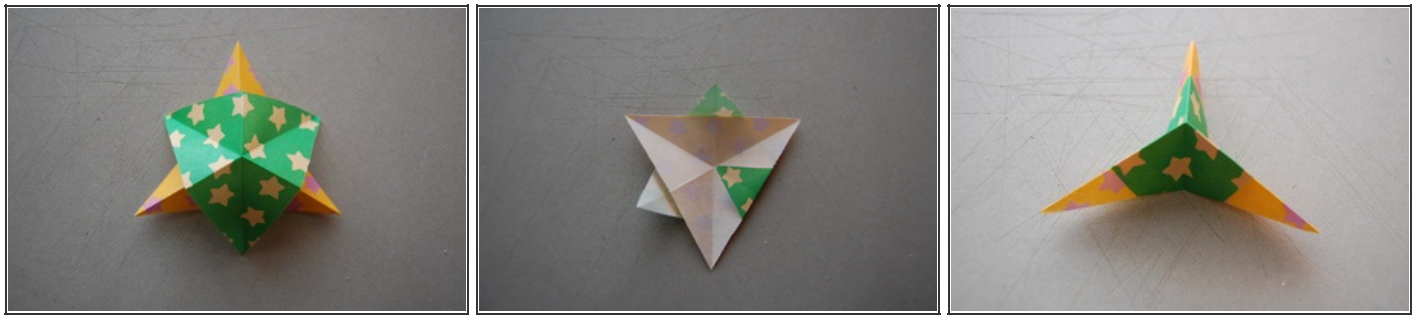
- Fold triangle in half, folding one corner to another corner. (Picture #1)
- Repeat with the other two corners. (Picture #2)

Step 6



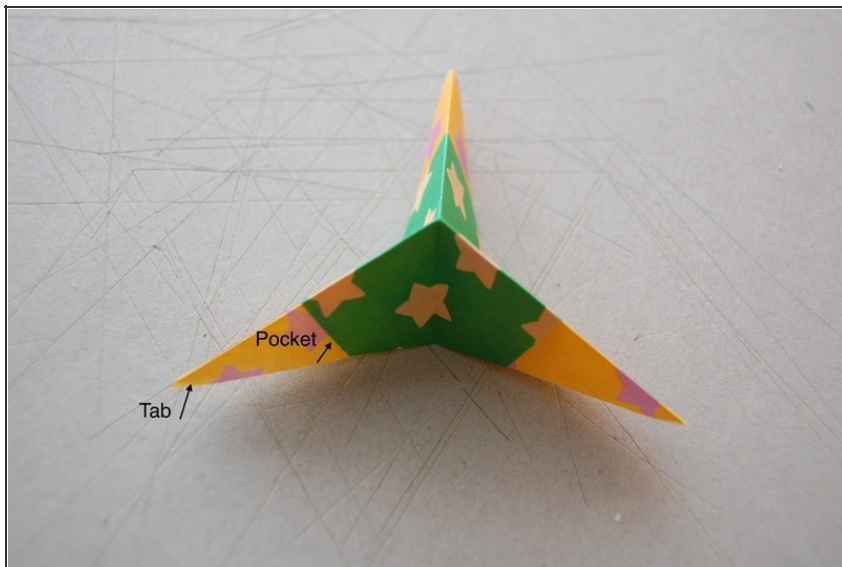
- Fold the triangle to look like picture #1. You will have to reverse some of the folds. This is called a Triangular Waterbomb Base.
- Fold another triangle the same way. After you have made it into the Triangular Waterbomb Base, turn it over and press up on the center. This is called a Triangular Preliminary Base. (Picture #2)

Step 7 — Build modules



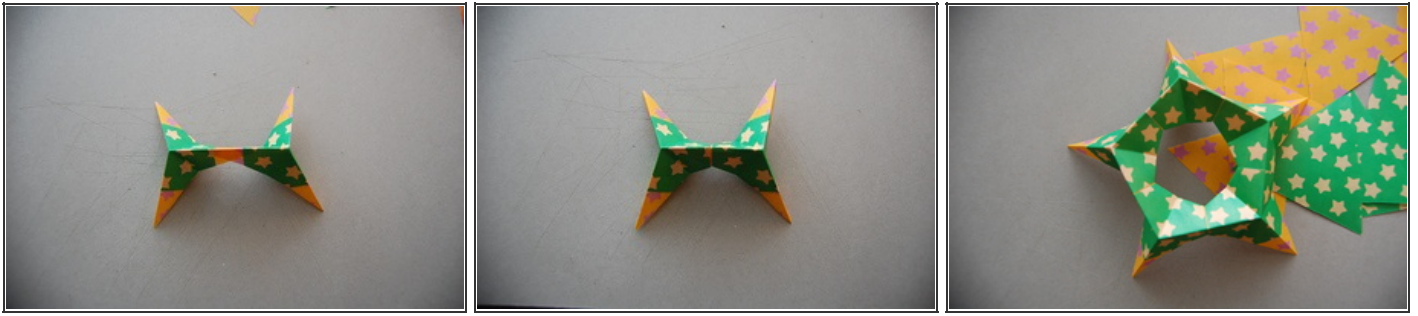
- Set the Triangular Waterbomb Base on the table and put the Triangular Preliminary base on top of it. (Picture #1)
- Wrap the corners of the Triangular Preliminary Base around the sides. I flipped mine over for a better fold. (Picture #2)
- Picture 3 shows a finished piece.
- Make 20 of these.

Step 8



- Notice the Tabs and Pockets on the module. (Picture #1)

Step 9 — Assemble modules



- To join two modules together, simply place one tab on top of the other and slide together. (Pictures #1 and #2)
- Continue joining modules to make a 5-sided shape. (Picture #3)

Step 10



- Continue in the same way with the rest of the pieces.
- Finished model!

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